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SPECIAL ANALYSIS D

INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS

The Budget of the United States Government, 1983

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Note.—All years referred to are fiscal years, unless otherwise noted. Details in the tables, text, and charts of this booklet may not add to totals because of rounding.

OFFICE OF MANAGEMENT AND BUDGET

EXECUTIVE OFFICE OF THE PRESIDENT

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SPECIAL ANALYSIS D

INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS

This analysis divides outlays between those of an "investment" or capital nature, and those devoted to "current" or operating purposes.

Investment-type programs yield benefits in future years through the acquisition of physical or financial assets, or through expenditures for less tangible long-term benefits such as education. They include: the construction, rehabilitation, and acquisition of physical assets; education, training, and vocational rehabilitation; research and development; international development; and financial investments such as loans. Outlays for investment-type programs are estimated to be $155.3 billion in 1983.

Current programs provide benefits primarily in the year in which the outlays that finance them are made. They include: payments for retirement, disability, and other income maintenance; social services; payments (including subsidies) to agriculture, businesses, transportation systems, and other institutions that are not directly used by the institutions to purchase physical assets; payments for the repair, maintenance, and operation of existing physical assets; and regulatory, law enforcement, interest, and other operating costs of the Federal Government. Outlays for current programs are estimated to be $631.6 billion in 1983.

Outlays or offsetting receipts that cannot be identified as either investment or current in nature are presented as *unclassified*.

INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS

(In billions of dollars)

	1981 actual	1982 estimate	1983 estimate
Investment-type programs	146.0	148.0	155.3
Current programs	530.8	597.0	631.6
Unclassified	−19.6	−19.6	−29.3
Total	657.2	725.3	757.6

The Federal Government has never had a capital budget in the sense of financing capital or investment-type programs separately from current expenditures. While the application of accounting concepts for capital budgeting is difficult for private sector entities,

it is much more so for the public sector. For example, the Federal Government holds vast amounts of land and controls off-shore areas; both have potential value as sources of either timber, oil, or minerals. These assets do not have a known or easily estimated market value. Defense procurement poses similar problems in using capital accounting. A capital budget would pose formidable accounting problems in the measurement of depreciation on Government property, especially weapons. Moreover, there would be severe problems in the use of a capital budget. It would be misleading as a measure of the Government's effect on the demand for economic resources. The deficit of a capital budget could not be used as an indication of the demands that Federal borrowing requirements place on the credit market. It might also suggest that programs with intensive expenditures for physical assets, such as construction, are better than those for which future benefits cannot be accurately capitalized, such as education or defense research and development. Likewise, physical assets might be favored relative to current operations in any given program because deficit financing for capital purposes could be easier to justify.

There are inevitable classification difficulties in preparing the kind of analysis presented here. In the case of a few programs—such as general revenue sharing—the recipients are free to utilize the funds for either investment-type or current purposes. In such cases, this analysis classifies the outlays in the category where most of the outlays are expected to occur.

Some programs could logically be put in more than one subcategory within these broader categories. For example, grants for construction of education facilities not only finance the acquisition of physical assets but also are an important element in the conduct of education and training. In cases such as this, the outlays are classified in the subcategory that is most "capital-like" and therefore appears first in the special analysis structure (the order goes from loans to construction and rehabilitation, acquisition of major equipment, conduct of research and development, etc.).

The classification structure used in compiling information for this analysis is designed primarily to distinguish investment-type outlays from current outlays. It does not provide a ready source of information on total outlays or other forms of assistance affecting particular sectors of the economy. For example, the category "aids to agriculture, commerce, and transportation" reflects current benefits, such as subsidies for operating expenses of air, water, and rail transportation activity. It does not include related subsidies for the construction of private merchant ships, which are investment-type outlays included under "acquisition of major equipment", nor does it include assistance provided by the Federal Government through loan guarantees, tax expenditures, or other methods. Al-

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though not measured in this analysis, guaranteed loans, tax expenditures, and other provisions of the tax code are methods by which the Federal Government can affect the type and amount of public and private investment. For example, federally guaranteed loans are substitutes for outlays or direct loans and can result in the creation of certain assets in place of others.[1]

The four tables presented in this analysis divide outlays between investment-type and current uses according to the classification categories described below. Table D–1 divides outlays between national defense and civil programs. Table D–2 separates outlays by grants-in-aid,[2] loans, and other direct Federal programs. This table does not distinguish between defense and civil outlays. Tables D–3 and D–4 correspond to tables D–1 and D–2, respectively, and give further detail. Most of the off-budget outlays (shown as addendum items) are for loans and are, therefore, for investment-type activity.[3]

The remainder of the text discusses in greater detail the components and rationale for classifying the various types of budget outlays. For each type of outlay classified in the investment category the manner is shown whereby that type yields benefits in the future, in the form of either physical or financial assets or other less tangible benefits. The remaining outlays (except for the allowances) are classified by definition as current.

Investment-type programs.—Total investment-type outlays are estimated to increase from $148.0 billion in 1982 to $155.3 billion in 1983. About $2.9 billion in 1983 outlays are for loans and financial investments, $90.2 billion are for the acquisition, construction, or rehabilitation of physical assets, and $62.2 billion are for the conduct of education, training, research and development, and other investment-type programs. Defense investment-type outlays are primarily for the acquisition of major equipment and other physical assets, and for research and development. Civil programs, which account for 40% of total investment-type outlays, are primarily for construction and rehabilitation of physical assets and the conduct of education, research, and development.

Loans and financial investments.—A loan creates a financial asset; if made at competitive market rates, the value of the asset equals to the outlay. For domestic loans, the Government's asset is matched by the liability of the private sector. Most Federal domestic loans finance the acquisition or improvement of either physical

[1] Additional information on guaranteed loan programs and tax expenditures can be found in separate publications entitled Special Analysis F, "Federal Credit Programs" and Special Analysis G, "Tax Expenditures", respectively.

[2] Grants-in-aid are resources provided by the Federal Government in support of State and local programs of governmental service to the public. A separate publication, Special Analysis H, "Federal Aid to State and Local Governments," discusses grants-in-aid in greater detail.

[3] See Part 6 of the *Budget* for a discussion of off-budget Federal entities.

Table D–1. **SUMMARY OF INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
National defense:			
Investment-type programs:			
Construction and rehabilitation	2,833	3,561	4,501
Acquisition of major equipment and other physical assets	36,867	43,224	57,150
Conduct of research and development	16,946	20,384	24,453
Other investment-type programs	187	113	293
Subtotal, investment-type programs	56,832	67,282	86,397
Current programs:			
Provision of benefits	13,784	15,084	16,562
Repair, maintenance, and operation of physical assets	53,585	62,525	67,370
Other current programs	35,563	42,606	50,738
Subtotal, current programs	102,933	120,215	134,671
Total, national defense	159,765	187,497	221,068
Civil:			
Investment-type programs:			
Loans and financial investments	5,678	5,433	2,931
Construction and rehabilitation	28,944	28,510	25,747
Acquisition of physical assets	7,495	3,561	2,788
Conduct of research and development	17,231	17,470	16,846
Conduct of education and training	26,124	22,419	17,298
Other investment-type programs	3,650	3,301	3,280
Subtotal, investment-type programs	89,122	80,695	68,890
Current programs:			
Provision of benefits	309,239	345,882	360,356
Social services and related programs	9,174	8,440	6,710
Aids to agriculture, commerce, and transportation	17,357	16,972	13,297
Repair, maintenance, and operation of physical assets	−711	−1,532	−2,967
General purpose fiscal assistance	7,092	6,733	7,015
Regulation, control, and law enforcement	7,823	7,493	7,138
Net interest	68,556	83,015	96,414
Other current programs	9,372	9,738	8,979
Subtotal, current programs	427,903	476,740	496,942
Unclassified	−19,585	−19,602	−29,262
Total, civil	497,439	537,833	536,570
Grand total	**657,204**	**725,331**	**757,638**
Addendum:			
Off-budget Federal entities (civil):			
Loans	20,999	16,419	12,295
Other investment-type outlays	2	2,848	2,801
Aids to agriculture, commerce, and transportation	3	422	606
Total, off-budget Federal entities	21,005	19,689	15,701

Table D–2. SUMMARY OF BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Grants-in-aid:			
Investment-type programs:			
Construction, rehabilitation, and acquisition of physical assets	22,219	21,659	19,468
Conduct of education and training	14,445	10,919	7,477
Other investment-type programs	354	276	217
Subtotal, investment-type programs	37,018	32,853	27,163
Current programs:			
Provision of benefits	39,421	41,355	39,211
Social services and related programs	8,059	7,425	5,966
Aids to agriculture, commerce, and transportation	1,458	1,225	904
General purpose fiscal assistance	7,133	6,777	7,074
Regulation, control, and law enforcement	684	583	441
Other current programs	990	1,002	660
Subtotal, current programs	57,744	58,367	54,255
Total, grants-in-aid	94,762	91,220	81,418
Loans	4,078	4,127	1,592
Direct Federal programs:			
Investment-type programs:			
Construction and rehabilitation	9,954	10,829	11,140
Acquisition of major equipment	37,325	43,122	57,095
Acquisition of commodity inventories and other physical assets	6,640	3,247	2,482
Conduct of research and development	33,926	37,635	41,106
Conduct of education and training	11,688	11,508	9,892
Other investment-type programs	5,325	4,656	4,817
Subtotal, investment-type programs	104,858	110,998	126,532
Current programs:			
Provision of benefits	283,602	319,611	337,707
Social services and related programs	1,115	1,014	744
Aids to agriculture, commerce, and transportation	15,900	15,747	12,393
Repair, maintenance, and operation of physical assets	52,354	60,345	64,000
Regulation, control, and law enforcement	7,139	6,909	6,698
Net interest	68,556	83,015	96,414
Other current programs	44,424	51,947	59,403
Subtotal, current programs	473,091	538,588	577,358
Total, direct Federal programs	577,949	649,586	703,890
Unclassified	−19,585	−19,602	−29,262
Grand total	**657,204**	**725,331**	**757,636**
Addendum: (Direct Federal programs)			
Off-budget Federal entities:			
Loans	20,999	16,419	12,295
Other investment-type programs	2	2,848	2,801
Aids to agriculture, commerce, and transportation	3	422	606
Total, off-budget Federal entities	21,005	19,689	15,701

assets or human capital. This is especially true for loans in the commerce and housing credit, education, and transportation functions. Loans to foreign borrowers are an increase in financial assets held by the United States. Most foreign loans are for economic development programs or the promotion of U.S. exports, including military equipment and farm commodities.

Net loan outlays are estimated to total $1.6 billion in 1983. This figure is less than the volume of new loans made in a given year because outlays for new loans are offset by loan repayments, or by sales of loans (so-called "loan asset sales") to the private sector or to the Federal Financing Bank. Budget outlays for financial investments are estimated to be $1.3 billion in 1983 and almost entirely go to international organizations. Off-budget loans are estimated to be $12.3 billion in 1983. Federal direct and guaranteed loan programs are discussed in greater detail in Special Analysis F, "Federal Credit Programs."

Physical assets.—The benefits provided by the construction and rehabilitation of physical assets, the acquisition of major equipment, and the establishment of commodity inventories are of a long-term nature. Budget outlays designed specifically to purchase such assets are treated as investment-type outlays regardless of whether the asset is owned by the Federal Government, or by State, local, or private entities. Total outlays for physical assets are estimated at $90.2 billion in 1983; of this amount $61.6 billion is for national defense. Most national defense outlays for physical assets are for the procurement of military equipment. A large portion of Federal outlays for nondefense physical assets is in the form of grants-in-aid to State and local governments, especially for construction programs such as highways, mass transit, and pollution control facilities. Outlays for the purchase of commodity inventories in 1982 and 1983 are lower than in 1981 by approximately $2.8 billion. This decrease is caused by legislation which shifted the purchases of oil for the strategic petroleum reserve to off-budget status. Off-budget investment-type outlays reflect a corresponding increase.

Conduct of research and development.—Outlays for research and development increase our base of knowledge and apply that knowledge for its future benefit to the Nation. Total outlays for the conduct of research and development are estimated at $41.3 billion in 1983. Outlays for defense research and development are estimated to increase by approximately 20% over 1982 and are more than one-half of research and development outlays. Outlays for nondefense research and development are estimated to decrease by approximately 4%. Outlays for health, energy, and space technology research and development account for approximately one-half of nondefense research and development outlays in 1983. Additional information about Federal research and development programs is contained in Special Analysis K, "Research and Development."

Conduct of education and training.—Outlays classified in this category are designed to add to the stock of human capital by developing a more skilled and productive labor force. These outlays are largely for direct payments to individuals, such as scholarships, and grants to institutions and State and local governments. As with physical assets, the benefits accrue over a considerable period of time. Outlays are estimated at $17.4 billion in 1983, of which $7.5 billion are in the form of grants to State and local governments.

Collection of information.—This category includes outlays for collection of information, censuses, topographic or other natural resource surveys, and programs that benefit both the present and future by establishing a base of knowledge. Outlays are estimated at $1.3 billion and $1.2 billion in 1982 and 1983, respectively.

International development.—Foreign assistance for general international economic development is included in this category. These outlays, which are expected to benefit U.S. interests by enhancing the economic development of friendly foreign nations, are estimated to be $2.3 billion in 1983.

Current programs.—Programs that provide benefits in the current year are divided into several subcategories briefly discussed below. Outlays classified as current may in part be used by their recipients for investment-type purposes. However, the principal effect of these outlays is to provide short-term benefits—such as unemployment compensation, and retirement and disability payments—rather than providing the means for future benefits. Total outlays for current programs are estimated to increase from $597.0 billion in 1982 to $631.6 billion in 1983 and are more than three-quarters of 1983 estimated budget outlays. About $134.7 billion of current outlays in 1983 are for defense programs and $496.9 billion for civil programs.

Outlays for "provision of benefits" is the largest category in the budget. Total outlays are estimated to increase from $361.0 billion in 1982 to $376.9 billion in 1983. Social security and other disability and retirement benefits are estimated to be $222.1 billion of the total in 1983. The decrease in 1983 railroad retirement and disability benefits is due to the administration's proposal to restore the responsibility for railroad employee's pension benefits to the private sector. Other major outlays in this category are for medicaid, medicare, unemployment, and food and nutrition programs.

Current outlays for "social services and related programs" fund human development and child welfare services, and employment programs. Outlays in 1983 are estimated to be $6.7 billion, of which $6.0 billion are in the form of grants to State and local governments.

"Aids to agriculture, commerce, and transportation" are primarily for direct Federal activities, including price support, small business and transportation programs. Outlays for these programs are estimated to decrease from $17.4 billion in 1981 to $17.0 billion in 1982 and $13.3 billion in 1983. Outlays in 1981 include a one-time payment of $2.1 billion to the Penn Central Corporation for properties transferred to Conrail in 1976.

Other current outlays are largely for operation of the Federal Government, including: the repair, maintenance, and operation of physical assets (primarily defense related); regulatory and law enforcement activities; net interest; and other administrative or operating expenses. Because proprietary receipts from the public—such as receipts from the sale of power and other utilities, the sale of publications and reproductions, and the sale of timber and other natural land products—are offsets against the outlays to which they most nearly apply, net outlays for the operation of the Federal Government are negative in some cases.

Unclassified.—The unclassified category has been redefined to encompass activity not previously included. It now includes the undistributed offsetting receipts (except interest) and the allowances for unallocated budget savings. In addition, most payments from the government to itself and the associated offsetting collections have been moved to this category. This has been done to reduce the confusion involved in deriving the true program level in the categories discussed above. Outlays for this category in 1982 and 1983 are estimated to be −$19.6 billion and −$29.3 billion, respectively.

Table D–3. **INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
National defense investment-type programs			
Construction and rehabilitation of physical assets:			
Military construction	2,295	2,650	3,768
Family housing	102	185	3
Atomic energy defense activities	437	725	729
Subtotal, construction and rehabilitation of physical assets	2,833	3,561	4,501
Acquisition of major equipment:			
Procurement	35,191	41,325	55,144
Atomic energy defense activities and other	1,220	1,439	1,761
Subtotal, acquisition of major equipment	36,411	42,764	56,904
Other physical assets	455	460	246
Conduct of research and development	16,946	20,384	24,453
Other investment-type programs	187	113	293
Subtotal, investment-type programs	56,832	67,282	86,397
National defense current programs			
Provision of benefits:			
Retired military personnel	13,729	15,000	16,471
Other	55	85	91
Subtotal, provision of benefits	13,784	15,084	16,562
Repair, maintenance, and operation of physical assets:			
Department of Defense, Military	53,379	62,282	67,106
Other	206	243	264
Subtotal, repair, maintenance, and operation of physical assets	53,585	62,525	67,370
Other current programs:			
Military personnel	35,831	37,610	43,856
Allowance for civilian and military pay raises		5,081	4,285
Other national defense	−267	−85	2,598
Subtotal, other current programs	35,563	42,606	50,738
Subtotal, current programs	102,933	120,215	134,671
Total, national defense	159,765	187,497	221,068
Civil investment-type programs			
Loans:			
International affairs	2,904	2,583	3,289
Agriculture	−1,808	948	
Mortgage credit and thrift insurance	292	−149	−1,216
Aids to commerce	385	107	−75
Transportation	169	137	114
Disaster relief	1,100	−144	−414
Other community and regional development	141	46	83
Education	404	536	639
Other	501	72	−819

Table D–3. **INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, loans	4,088	4,137	1,602
Other financial investments:			
International development	1,330	1,139	1,293
Other	260	157	36
Subtotal, other financial investments	1,589	1,297	1,329
Construction and rehabilitation of physical assets:			
Highways	8,842	8,015	8,100
Mass transportation	2,593	2,726	2,410
Air transportation	776	809	748
Other transportation	131	132	121
Community development block grants	4,042	4,005	3,350
Other community and regional development	1,751	1,719	1,351
Pollution control and abatement	3,883	4,054	3,354
Water resources	2,336	2,284	2,192
Other natural resources and environment	1,326	1,374	1,137
Energy	2,279	2,228	1,872
Veterans hospitals and other health facilities	567	635	654
Other	417	530	456
Subtotal, construction and rehabilitation of physical assets	28,944	28,510	25,747
Acquisition of major equipment:			
Transportation	367	438	286
Other	573	−59	−79
Subtotal, acquisition of major equipment	940	379	207
Commodity inventories:			
Energy	3,352	491	565
Agriculture	990	423	
Other		29	
Subtotal, commodity inventories	4,342	943	565
Other physical assets	2,213	2,240	2,016
Conduct of research and development	17,231	17,470	16,846
Conduct of education and training:			
Foundation for Education Assistance:			
Higher education	6,253	6,227	5,524
Elementary, secondary, and vocational education	6,008	6,164	4,772
Other	277	306	302
Subtotal, Foundation for Education Assistance	12,538	12,693	10,597
Veterans readjustment benefits	2,304	1,959	1,647
Training and employment programs	7,755	4,343	2,248
Health training	1,123	986	908
Other education and training	2,404	2,437	1,898
Subtotal, conduct of education and training	26,124	22,419	17,298
Collection of information:			
Census Bureau	248	158	153
Other	1,218	1,099	1,017

Table D–2. INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS—Continued

(in millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, collection of information	1,466	1,257	1,170
International development	2,184	2,044	2,110
Subtotal, investment-type programs	89,122	80,695	68,890
Civil current programs			
Provision of benefits:			
Retirement, survivor, and disability benefits:			
Social Security:			
Retirement and survivor benefits	119,413	134,918	150,238
Disability benefits	16,853	17,662	18,415
Subtotal, Social Security	136,267	152,580	168,654
Civil Service:			
Retirement and survivor benefits	14,046	15,412	16,838
Disability benefits	3,158	3,438	3,718
Subtotal, Civil Service	17,204	18,850	20,556
Railroad retirement and disability benefits	5,294	5,328	
Veterans disability benefits	8,670	9,675	10,351
Other retirement and disability benefits	1,336	1,988	1,941
Subtotal, retirement, survivor, and disability benefits	168,771	188,420	201,502
Other provisions of benefits:			
Veterans pension benefits	3,755	3,940	4,014
Medicare	41,242	48,296	54,127
Medicaid	16,833	17,823	17,006
Other health benefits	1,032	1,236	1,691
Unemployment compensation	18,392	23,689	21,159
Housing programs	7,548	9,520	10,089
Food and nutrition programs	15,706	15,015	13,317
Supplemental security income	6,452	7,073	8,028
Assistance payments program	7,203	6,671	5,412
Other	6,123	6,725	4,653
Subtotal, other provisions of benefits	124,285	139,988	139,495
Direct provision of services:			
Hospital and medical care for veterans	5,947	6,547	6,925
Other health services	1,092	972	915
Other	280	313	861
Subtotal, direct provision of services	7,319	7,831	8,702
Administrative expenses:			
Social Security retirement and disability	1,689	1,899	2,161
Medicare	1,247	1,255	1,225
Unemployment compensation and other	5,929	6,489	7,272
Subtotal, administrative expenses	8,865	9,643	10,657
Subtotal, provision of benefits	309,239	345,882	360,356

Table D–3. **INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Social services and related programs:			
Human development services	2,793	2,247	2,350
Employment programs	1,476	1,085	508
Social services and child welfare services	2,571	2,912	1,974
Other	2,334	2,197	1,878
Subtotal, social services and related programs	9,174	8,440	6,710
Aids to agriculture, commerce, and transportation:			
Agriculture	4,650	5,551	2,714
Postal Service	1,343	619	500
Small business assistance	492	540	595
Mortgage credit and thrift insurance	1,111	1,538	1,785
Ground transportation	4,705	3,211	1,881
Air transportation	2,270	2,137	2,411
Water transportation and waterways	1,584	1,750	1,558
Other	1,202	1,624	1,854
Subtotal, aids to agriculture, commerce, and transportation	17,357	16,972	13,297
Repair, maintenance, and operation of physical assets:			
Natural resources:			
Water resources	823	782	574
Conservation and land management	433	422	357
Recreation resources and other	668	783	885
Offsetting receipts	−1,458	−2,232	−3,219
Subtotal, natural resources	467	−246	−1,403
Energy (net of naval petroleum reserve and other receipts)	−1,295	−1,609	−1,684
Indian tribal receipts	−315	−349	−372
Other	433	673	492
Subtotal, repair, maintenance, and operation of physical assets	−711	−1,532	−2,967
General purpose fiscal assistance:			
General revenue sharing	5,137	4,570	4,567
Other general purpose grants-in-aid	725	759	759
Shared revenues	1,230	1,404	1,689
Subtotal, general purpose fiscal assistance	7,092	6,733	7,015
Regulation, control, and law enforcement:			
Regulatory and inspection activities:			
Natural resources and environment	1,098	1,010	914
Transportation	860	868	907
Health	701	682	689
Energy	631	638	544
Agriculture	330	308	256
Savings institutions	−1,738	−1,830	−2,015
Tax collections	568	619	765
Other	832	832	632

Table D–3. **INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, regulatory and inspection activities	3,283	3,127	2,693
Law enforcement activities:			
Federal law enforcement	2,366	2,443	2,595
Federal litigative and judicial activities	1,479	1,377	1,406
Federal correctional activities	343	351	374
Other law enforcement assistance	353	196	71
Subtotal, law enforcement activities	4,540	4,366	4,445
Subtotal, regulation, control, and law enforcement	7,823	7,493	7,138
Net interest:			
Interest on the public debt	95,333	115,700	132,900
Other interest	−12,967	−16,605	−20,364
Interest received by trust funds	−13,810	−16,080	−16,122
Subtotal, net interest	68,556	83,015	96,414
General Administration:			
International affairs	1,176	1,829	2,107
Legislative branch	1,058	1,235	1,262
Other general government	2,946	3,163	3,079
Other	1,047	807	615
Subtotal, general administration	6,228	7,034	7,063
Other current programs:			
International security assistance	2,880	3,081	2,619
Allowances for civilian agency pay raises		376	743
Other	265	−753	−1,446
Subtotal, other current programs	3,144	2,704	1,916
Subtotal, current programs	427,903	476,740	496,942
Unclassified:			
Fraud, waste, and abuse		−1,000	−1,000
Employer share, employee retirement	−6,371	−7,560	−8,353
Offshore oil receipts	−10,138	−7,861	−18,000
Non-compulsory medicare premiums	−12,921	−18,194	−19,806
Other unclassified	9,845	15,013	17,897
Subtotal, unclassified	−19,585	−19,602	−29,262
Total, civil	497,439	537,833	536,570
Grand total	**657,204**	**725,331**	**757,638**
Addendum:			
Off-budget Federal entities (civil):			
Investment-type programs:			
Loans (see Table D–4)	20,999	16,419	12,295
Strategic petroleum reserve		2,834	2,775
Other investment-type programs	2	13	27

Table D–3. **INVESTMENT, OPERATING, AND OTHER BUDGET OUTLAYS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, investment-type programs	21,001	19,267	15,096
Current:			
Aids to agriculture, commerce, and transportation:			
Postal Service	86	540	687
Railways	−47	12	9
Other	−36	−130	−90
Subtotal, aids to agriculture, commerce and transportation	3	422	606
Subtotal, current programs	3	422	606
Total, off-budget Federal entities	21,005	19,689	15,701

*$500 thousand or less.

Table D–4. **BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Grants-in-aid			
Investment-type programs:			
Construction and rehabilitation of physical assets:			
Highways	8,835	8,000	8,099
Mass transportation	2,593	2,726	2,410
Other transportation	469	475	374
Pollution control and abatement	3,881	4,050	3,350
Other natural resources and environment	277	305	196
Community development block grants	4,042	4,005	3,350
Other community and regional development	1,531	1,433	1,153
Other construction	194	248	176
Subtotal, construction and rehabilitation of physical assets	21,823	21,242	19,107
Acquisition of equipment and other physical assets	396	417	361
Conduct of research and development	251	220	193
Conduct of education and training:			
Employment and training assistance	6,778	3,322	1,531
Elementary and secondary education	5,877	6,031	4,694
Other	1,790	1,566	1,253
Subtotal, conduct of education and training	14,445	10,919	7,477
Collection of information	103	57	24
Subtotal, investment-type programs	37,018	32,853	27,163
Current programs:			
Provision of benefits:			
Medicaid	16,833	17,823	17,006
Nutrition and food programs	4,581	4,103	3,961
Assistance payments	7,203	6,671	5,412
Housing payments and subsidies	4,015	4,754	4,884
Other	3,509	4,268	3,652
Administrative expenses:			
Unemployment compensation and other	3,281	3,737	4,296
Subtotal, provision of benefits	39,421	41,355	39,211
Social services and related programs:			
Employment programs	1,201	832	470
Human development services	2,707	2,168	2,270
Social services and child welfare services	2,571	7,912	1,974
Other	1,579	1,514	1,252
Subtotal, social services and related programs	8,059	7,425	5,966
Aids to agriculture, commerce, and transportation:			
Transportation	1,453	1,220	902
Other	4	5	2
Subtotal, aids to agriculture, commerce, and transportation	1,458	1,225	904

Table D–4. **BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Repair, maintenance, and operation of physical assets	520	648	403
General purpose fiscal assistance:			
General revenue sharing	5,137	4,570	4,567
Shared revenues	1,230	1,404	1,689
Other	766	803	818
Subtotal, general purpose fiscal assistance	7,133	6,777	7,074
Regulation, control, and law enforcement:			
Law enforcement assistance	257	196	76
Other	427	388	365
Subtotal, regulation, control, and law enforcement	684	583	441
Other current programs	470	354	256
Subtotal, current programs	57,744	58,367	54,255
Total, grants-in-aid	94,762	91,220	81,418
Loans			
International affairs	2,904	2,583	3,289
Energy supply	100	97	119
Agriculture	−1,808	948	
Mortgage credit and thrift insurance	292	−149	−1,216
Commerce and housing credit	378	99	−83
Transportation	169	137	114
Small Business Administration, disaster loans	1,101	−144	−414
Education	404	536	639
Veterans	217	−41	−1,025
Other	321	−60	168
Total, loans	4,078	4,127	1,592
Direct Federal Programs			
Investment-type programs:			
Financial investments	1,589	1,297	1,329
Construction and rehabilitation of physical assets:			
National defense	2,800	3,522	4,454
Water resource projects	2,264	2,215	2,143
Other natural resources and environment	1,121	1,143	995
Energy	2,279	2,228	1,872
Transportation	446	480	497
Veterans hospitals and other health facilities	552	574	637
Other construction	492	667	543
Subtotal, construction and rehabilitation of physical assets	9,954	10,829	11,140
Acquisition of major equipment:			
National defense	36,411	42,764	56,904
Other	914	358	191
Subtotal, acquisition of major equipment	37,325	43,122	57,095

Table D–4. **BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Commodity inventories	4,797	1,403	811
Other physical assets	1,843	1,844	1,671
Conduct of research and development	33,926	37,635	41,106
Conduct of education and training:			
Assistance to veterans	2,533	2,178	1,899
Higher education	6,246	6,279	5,585
Elementary and secondary education	395	391	328
Employment and training assistance	911	934	640
Health training	672	549	437
Other	931	1,177	1,003
Subtotal, conduct of education and training	11,688	11,508	9,892
Collection of information	1,385	1,222	1,171
International development	2,351	2,138	2,317
Subtotal, investment-type programs	104,858	110,998	126,532
Current programs:			
Provision of benefits:			
Social Security retirement and disability	136,267	152,580	168,654
Other retirement and disability benefits	50,043	54,864	53,425
Medicare	41,242	48,295	54,127
Medical care for veterans	5,947	6,547	6,925
Other health	1,126	1,023	938
Unemployment compensation	18,392	23,689	21,159
Food and nutrition programs	10,841	10,493	8,990
Housing payments and subsidies	3,590	4,805	6,034
Supplemental security income	6,407	7,050	8,012
Earned income tax credit	1,318	1,254	1,180
Other	2,846	3,103	1,900
Administrative expenses:			
Social Security retirement and disability	1,689	1,899	2,161
Medicare	1,247	1,255	1,225
Nutrition and food programs and other	2,648	2,752	2,976
Subtotal, administrative expenses	5.584	5.907	6,362
Subtotal, provision of benefits	283,602	319,611	337,707
Social services and related programs	1,115	1,014	744
Aids to agriculture, commerce, and transportation:			
Agriculture	4,650	5,551	2,714
Postal Service	1,343	619	500
Small business assistance	492	540	595
Mortgage credit and thrift insurance	1,109	1,536	1,785
Ground transportation	3,255	1,994	981
Air transportation	2,270	2,137	2,411
Water transportation and waterways	1,035	1,176	1,057
Other	1,746	2,194	2,350

Table D–4. **BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, aids to agriculture, commerce, and transportation	15,900	15,747	12,393
Repair, maintenance, and operation of physical assets:			
National defense	53,585	62,525	67,370
Other (includes offsetting collections)	−1,231	−2,180	−3,370
Subtotal, repair, maintenance, and operation of physical assets	52,354	60,345	64,000
Regulation, control, and law enforcement	7,139	6,909	6,698
Net interest	68,556	83,015	96,414
Other current programs:			
Military personnel	35,831	37,610	43,856
Allowance for Department of Defense pay raises		5,081	4,285
Other national defense	−309	−128	2.539
Allowance for civilian agency pay raises		376	743
Other	8,902	9,008	7,980
Subtotal, other current programs	44,424	51,947	59,403
Subtotal, current programs	473,091	538,588	577,358
Total, direct Federal programs	577,949	649,586	703,890
Unclassified:			
Fraud, waste, abuse		−1,000	−1,000
Employer share, employee retirement	−6,371	−7,560	−8,353
Offshore oil receipts	−10,138	−7,861	−18,000
Non-compulsory medicare premiums	−12,921	−18,194	−19,806
Other unclassified	9,845	15,013	17,897
Subtotal, unclassified	−19,585	−19,602	−29,262
Grand total	657,204	725,331	757,638
Addendum (Direct Federal):			
Off-budget Federal entities:			
Investment-type programs:			
Loans:			
International	1,940	2,644	3,709
Energy	4,899	5,740	5,919
Agriculture	5,790	1,066	−394
Mortgage credit and thrift insurance	4,164	3,473	1,031
Transportation	31	−42	−2
Community and regional development	1,200	1,307	947
Education	1,955	700	
Income security	810	1,224	969
Other	211	286	115
Subtotal, loans	20,999	16,419	12,295
Other investment-type programs:			
Strategic petroleum reserve		2,834	2,775
Other	2	13	27

Table D–4. **BUDGET OUTLAYS FOR GRANTS-IN-AID, LOANS, AND DIRECT FEDERAL PROGRAMS—Continued**

(In millions of dollars)

	1981 actual	1982 estimate	1983 estimate
Subtotal, other investment type	2	2,848	2,801
Subtotal, investment	21,001	19,267	15,096
Current:			
Aids to agriculture, commerce, and transportation:			
Postal Service	86	540	687
Railways	−47	12	9
Other	−36	−130	−90
Subtotal, aids to agriculture, commerce, & transportation	3	422	606
Subtotal, current	3	422	606
Total, off-budget Federal entities	21,005	19,689	15,701